

WHAT IS CLAIMED IS:

1. A device comprising:
 - a processor;
 - a scanner for scanning product information of
 - 5 selected items;
 - a memory storage means for the output of the scanner;
 - a medical profile database having data relative to an individual,
 - whereby the scanned output in the memory storage
 - 10 means is processed relative to the data in the medical profile to relate data indicative of the interface therebetween.
2. The device as set forth in claim 1, wherein the
- 15 selected items are food items, the medical profile database contains information about personal reaction to food items including whether said reaction may vary depending on location, and the output provides information of use to the use relating to the food items relative to
- 20 the medical profile database.
3. The device as set forth in claim 2, wherein the data in the medical profile database relates to allergies of the user, including whether said allergies vary
- 25 depending on location.
4. The device as set forth in claim 1, wherein the selected items are medicines, the medical profile database contains information about other medicines, and the output
- 30 provides information of use to the user relating to the interaction of the medicine items scanned into the items database and the medicine information relative to other medicines.
- 35 5. The device as set forth in claim 4, wherein the information in the medical profile database relating to medicines in manually input.

6. The device as set forth in claim 5, wherein the information in the medical profile database relating to medicines is stored by reading selected prior medicine scans in the items database.

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7. The device as set forth in claim 1, wherein the information in the items database relates to food, the information in the medical profile database relates to medicine, and the output relates to a food/medicine interface.

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8. The device as set forth in claim 7, whereby the interface is produced as a result of barcode scanning of food items and stored information relating to medical profile.

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9. The device as set forth in claim 1, further including means for scheduling an event related to the content of the medical profile database.

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10. The device as set forth in claim 1, further including means for recording data from said barcode scanner relating to serving size.

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11. The device as set forth in claim 1, further including means for recording location data from said scanner, wherein said location data is obtained via a Global Positioning Satellite (GPS) system.

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12. The device as set forth in claim 1, further including means for downloading data from the memory storage for transferring to a second storage means.

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13. The device as set forth in claim 12, wherein said means for downloading comprises a wireless communication interface.

14. The device as set forth in claim 1, wherein said scanner comprises a barcode scanner that recognizes Universal Product Codes (UPCs).

5 15. The device as set forth in claim 1, wherein said scanner is structured to perform optical character recognition.

10 16. The device as set forth in claim 1, wherein said scanner is equipped to recognize handwriting.

15 17. A method of providing information to a user relating to a selected item by scanned data and a personal profile relative to the selected item, comprising the steps of:
 scanning the selected item;
 storing data relative to the selected item in an items database;
 providing selected medical information to a medical
20 profile database;
 processing data relating to information stored in the items database relative to the information provided to a medical profile database and providing a data processing output related thereto; and
25 outputting said data processing output to convey information to a user.

30 18. The method as set forth in claim 12 wherein the information conveyed is in the nature of a warning.

35 19. The method as set forth in claim 12 wherein the step of scanning selected items includes a step of scanning food items and the step of storing information in the medical profile database includes a step of providing allergic information about a use and location of use relative to the scanned food items.

20. The method as set forth in claim 12 further including a step of scanning food items as to type and quantity as to the stored medical profile database.

5 21. The method as set forth in claim 11 wherein the step of scanning selected items includes a step of scanning medicines and the step of storing information in the medical profile database includes a step of providing information about medicines other than the scanned
10 selected items, whereby a medicine interaction output is provided based on an interaction therebetween.

22. The method as set forth in claim 14 wherein the information stored in the medical profile database is
15 manually input relative to the user.

23. The method as set forth in claim 14 wherein the information stored in the medical profile database is provided from present or prior items in the items database
20 scan.

24. The method as set forth in claim 14 wherein the output relates to a food/medicine interaction.

25 25. The method as set forth in claim 14 wherein the output relates to scheduling.

26. A device comprising:
a processor;
30 a scanner for scanning product information of selected items;
a memory storage for the output of the barcode scanner and selected matters of interest relating to health and nutrition for the selected items,
35 whereby the scanned output in the memory storage accumulates health and nutrition data related to items

purchased according to product information for subsequent data analysis.